PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

930.00

Complete if Known				
Application Number	09/943,054			
Filing Dat	August 30, 2001			
First Named Inventor	Araki ekcal. "AP			
Examiner Name	Weddington CEAL 2000			
Art Unit	1614 WEA			
Attorney Docket No.	109536.161 600 in			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)	7
Check Credit card Money Other None	3. ADDITIONAL FEES	
Order D D	Large Entity Small Entity	
X Deposit Account: Deposit 08-0219	Fee Fee Code (\$) Fee Description Fe	Paid
Account Number U8-U219	1051 130 2051 65 Surcharge - late filing fee or oath	
Deposit Account Name Hale and Dorr LLP	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet	
The Commissioner is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification	-
X Charge fee(s) indicated below X Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination	
X Charge any additional fee(s) during the pendency of this application	1804 920* 1804 920* Requesting publication of SIR prior to	0.
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	r'
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month	
1. BASIC FILING FEE	1252 410 2252 205 Extension for reply within second month	-2,
Large Entity Small Entity	1253 930 2253 465 Extension for reply within third month 931	0.00
Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254 1,450 2254 725 Extension for reply within fourth month	
1001 750 2001 375 Utility filing fee	1255 1,970 2255 985 Extension for reply within fifth month	
1002 330 2002 165 Design filing fee	1401 320 2401 160 Notice of Appeal	
1003 520 2003 260 Plant filing fee	1402 320 2402 160 Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403 280 2403 140 Request for oral hearing	7
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding	
SUBTOTAL (1) (\$)	1452 110 2452 55 Petition to revive - unavoidable	
	1453 1,300 2453 650 Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,300 2501 650 Utility Issue fee (or reissue)	
Total Claims below Fee Paid	1502 470 2502 235 Design issue fee	
Total Claims X = X = X = X = X = X = X =	1503 630 2503 315 Plant issue fee	
Claims S S S S S S S S S S S S S S S S S S S	1460 130 1460 130 Petitions to the Commissioner	3
	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)	,
1202 18 2202 9 Claims in excess of 20	1809 750 2809 375 Filing a submission after final rejection	
1201 84 2201 42 Independent claims in excess of 3	(37 CFR 1.129(a))	
1203 280 2203 140 Multiple dependent claim, if not paid	1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
1204 84 2204 42 ** Reissue independent daims over original patent		E.
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application	
SUBTOTAL (2)	Other fee (specify)	
**or number previously paid, if greater, For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 930.00)
Land to the state of the state	10.7.	

SUBMITTED BY	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	(Complete (if applicable)
Name (Print/Type)	Hollie L. Baker Registration No. 31,321	Telephone (617) 526-6100
Signature	Hallie L. Prales	Date 3-4-7003

WARNING: Information on thi f rm may b c m public. Credit card informati n sh uld not b included n this form. Provid credit card informati n and authorizati n on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

TRANSIV FOR (to be used for all correspondent to the second to the seco	M dence after initial filing)	Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	nof information unless it displays a valid of 3 control number 09/943,054 August 30, 2001 Araki et al. 1614 Weddington 109536.161
-	, ENC	LOSURES (Check all that	
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/ded X Extension of Time R Express Abandonmed Information Disclosu Certified Copy of Pridocument(s)	claration(s) equest ent Request re Statement	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Terminal Disclaimer Request for Refund CD, Number of CD(s) arks — Return Postc	Other Enclosure(s) (please Identify below):
	Missing Parts R 1.52 or 1.53		
Firm	SIGNATURE	OF APPLICANT, ATTORNE	EY, OR AGENT
	lie L. Baker, I	Reg. No. 31,321	
Signature 2	Jallie L. P.	Talu_	
Date	20	003	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washingt n, DC 20231.

Signature

40

Date